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Final

said base station preferentially transmitting data to the intermittent power-on type mobile station over a normal mobile station in a normally power-on state when the data to be transmitted to said intermittent power-on type mobile station exists during said data receive-ready period of said intermittent power-on type mobile station without any need to shorten an interval of occurrence of said beacon signal.

Sub  
E3

8. (Amended) A base station in a radio communications system wherein said base station emanates a beacon signal to an intermittent powered-on type mobile station at intervals and communicates with said intermittent power-on type mobile station by radio while controlling said intermittent power-on type mobile station, in said radio communications system; said communications [systems] system accommodating said intermittent power-on type mobile station which shifts to its power-on state synchronously with a received timing of said beacon signal, with a constant period of time after a reception of said beacon signal being a data receive-ready period; said base station comprising a priority transmitting means for preferentially transmitting said data over transmission data for a normal mobile station in a normally powered-on state when said data to be transmitted to said intermittent power-on type mobile station exists during said data receive-ready period of said intermittent power-on type mobile station without any need to shorten an interval of occurrence of said beacon signal.

CO